

Docket No.
085804.014501



IFW
#

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/845,823 **Group Art Unit** 3622
Applicant(s): Ted E. Dunning, et al. **Examiner:** Yehdega Retta
Filing Date: April 30, 2001 **Customer No.:** 32361
Title: **RELATIONSHIP DISCOVERY ENGINE**

Date: December 15, 2006

Mail Stop: IDS
Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATE OF MAILING (37 C.F.R. § 1.10)

Dear Sir/Madam:

I hereby certify that the following correspondence:

- ☒ Transmittal Form - PTO/SB/21 (1 page);
- ☒ Information Disclosure Statement - PTO/SB/08A & PTO/SB/08B (14 pages) and copies of the foreign references (22 references) and the non-patent literature listed (22 documents);
- ☒ Information Disclosure Statement By Applicant (2 pages);
- ☒ Certificate of Mailing By Regular U.S. Mail (1 page); and
- ☒ A self-addressed stamped postcard.

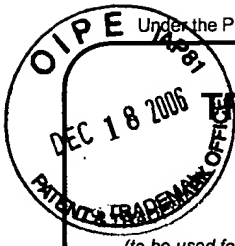
is being deposited on December 15, 2006 with the United States Postal Service for delivery, under 37 C.F.R. § 1.10, in an envelope bearing sufficient postage and addressed to **Mail Stop: IDS, Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450.**

Suzanne Marx

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	Application Number	09/846,823
	Filing Date	April 30, 2001
	First Named Inventor	Ted E. Dunning, et al.
	Art Unit	3622
	Examiner Name	Yehdega Retta
Attorney Docket Number		085804 . 014501

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copies of the foreign references and the non-patent literature listed on Forms PTO/SB/08A and PTO/SB/08B
Remarks The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No 50-2638. Please insure that the Attorney Docket Number is referenced when charging payments or applying credits for this application.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	GREENBERG TRAURIG, LLP		
Signature			
Printed name	Carole A. Quinn		
Date	December 15, 2006	Reg. No.	39,000

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Suzanne Marx	Date	December 15, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.USCourtForms.com



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/846,823 Group Art Unit 3622
Applicant(s): Ted E. Dunning, et al. Examiner: Yehdega Retta
Filing Date: April 30, 2001 Docket No.: 085804 . 014501
Title: RELATIONSHIP DISCOVERY ENGINE
Customer No.: 32361

CERTIFICATE UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and identified enclosures are being transmitted to the United States Postal Service for delivery, under 37 C.F.R. § 1.10, in an envelope bearing sufficient postage and addressed to Mail Stop: IDS, Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450 on December 15, 2006.


Suzanne Marx

INFORMATION DISCLOSURE STATEMENT

Date: December 15, 2006

Mail Stop: IDS
Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

Dear Sir/Madam:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form(s) PTO/SB/08A and Form(s) PTO/SB/08B. Copies of the listed foreign references and non-patent literature documents are enclosed.

One of the documents listed, EP No. 1,236,340, is a European reference which corresponds to, and is published as, WO 01/35667. Enclosed is a copy of a European Patent Office communication confirming this correspondence, together with a copy of WO 01/35667.

12/19/2006 AMONDAFI 00000001 09846823

01 FC:1806 180.00 DA

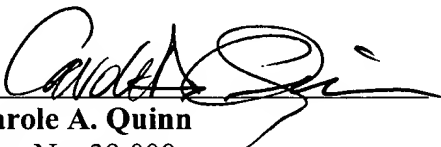
Since Applicants have not received a Final Action, Notice of Allowance or other communication that closes prosecution, after filing of a Request For Continued Examination (RCE), the Information Disclosure Statement, which is being filed under § 1.97(c) with the \$180.00 filing fee, is believed to be timely filed. The Examiner is requested to confirm that the submitted documents have been considered by initialing the appropriate portion of Form(s) PTO/SB/08A and PTO/SB/08B.

Applicants' undersigned attorney may be reached by phone in California (Pacific Standard Time) at (714) 708-6500. All correspondence should continue to be directed to the below-listed address.

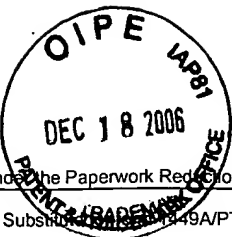
In view of the above, the Commissioner is hereby authorized to charge the \$180.00 fee for filing an Information Disclosure Statement under 37 C.F.R. § 1.17(p), and any additional fees required, to Deposit Account No. 50-2638. Please ensure that the Attorney Docket Number is referenced when charging any payments or applying any credits for this application.

Respectfully submitted,

Date: December 15, 2006


Carole A. Quinn
Reg. No. 39,000
Email: quinncc@gtlaw.com
Phone: (714) 708-6500

Customer Number 32361
GREENBERG TRAURIG, LLP
Met Life Building
200 Park Avenue, 20th Floor
New York, New York 10166
Phone: (212) 801-9200
Fax: (212) 801-6400



Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substantive Examination 49A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet

-1-

of

-14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,568,156	03/02/1971	Kenneth L. Thompson	
		US- 4,384,329	05/17/1983	Walter S. Rosenbaum	
		US- 4,833,610	05.23.1989	Antoni D. Zamora	
		US- 5,062,143	10.29.1991	John C. Schmitt	
		US- 5,182,708	01.26.1993	Koichi Ejiri	
		US- 5,241,674	08.31.1993	Yoshiaki Kuorsawa	
		US- 5,303,150	04.12.1994	Masayuki Komeda	
		US- 5,405,505	04.04.1995	Frank H. Levinson	
		US- 5,371,807	12.06.1994	Michael S. Register	
		US- 5,392,212	02.21.1995	Jon C. Geist	
		US- 5,418,951	05.23.1995	Markc Damashek	
		US- 5,497,488	03.05.1996	Mirsuru Akizawa	
		US- 5,499,046	03.12.1996	Jay B. Schiller	
		US- 5,539,635	07.23.1996	Ernest J. Larson, Jr.	
		US- 5,548,507	08.20.1996	Michael J. Martino	
		US- 5,583,763	12.20.1996	John Atcheson	
		US- 5,592,511	01.07.1997	Neil C. Schoen	
		US- 5,661,787	08.26.1997	Michael H. Pocock	
		US- 5,675,786	10.07.1997	Neil Howard McKed	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
		AU-A-53031/98	08.27.1998	Dudley John Mills		
		EP 0 173 639 A2	03.05.1986	Avrom R. Handleman		
		EP 1 236 354 A0	05.17.2001	Jeffrey Boulter		
		EP 0 847 156 A2	10.06.1998	Robert L. Wolfe		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	9/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -2-

of -14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,678,054	10.14.1997	Satoshi Shibata	
		US- 5,706,365	01.16.1998	Vijayakumar Rangarajan	
		US- 5,616,876	01.13.1998	John R. Rose	
		US- 5,713,016	07.01.1997	Jonathan C. Cluts	
		US- 5,758,257	05.26.1998	Frederick Herz	
		US- 5,726,909	03.10.1998	Thomas M. Krikorian	
		US- 5,740,134	04.14.1998	Tim Peterson	
		US- 5,751,672	05.12.1998	Carl J. Yankowski	
		US- 5,790,935	08.04.1998	David W. Payton	
		US- 5,790,423	08.04.1998	Edwin J. Lan, et al.	
		US- 5,809,246	09.15.1998	Robert J. Goldman, et al	
		US- 5,819,160	10.06.1998	Mark Foladare, et al.	
		US- 5,862,220	01.19.1999	Stephen G. Perlman	
		US- 5,862,339	01.19.1999	Patrick P. Bonnaure	
		US- 5,864,868	01.26.1999	David C. Contois	
		US- 5,872,921	02.16.1999	Manuel Zahariev, et al.	
		US- 5,881,234	03.09.1999	Pierre R. Schwab	
		US- 5,884,312	03.16.1999	Robert Frederick Dustan	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
		EP 0 955 592 A2 & A3	11.10.1999	Zhenya Yourio		
		EP 1 010 098 B1	06.18.2003	Dale Tyson Roberts		
		EP 1 324 567 A2 & A3	07.02.2003	Dale Tyson Roberts		
		GB 2 306 869	07.05.1997	Patrik Garten		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -3-

of -14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,898,833	04.27.1999	Jeff Kidder	
		US- 5,913,040	06.15.1999	Yuval Rakavy	
		US- 5,913,041	06.15.1999	Srinivas Ramanathan	
		US- 5,930,526	07.27.1999	Vaughn Iverson	
		US- 5,930,768	07.27.1999	Edward Hooban	
		US- 5,931,907	08.03.1999	Nicholas John Davies	
		US- 5,941,951	08.24.1999	Michael Norman Day	
		US- 5,945,988	08.31.1999	Christopher D. Williams	
		US- 5,956,482	09.21.1999	Sanjay Agraharam	
		US- 5,960,430	09.28.1999	Ira Joseph Haimowitz	
		US- 5,842,010	11.24.1998	Ravi Kumar Jain	
		US- 5,977,964	11.02.1999	Christopher D. Williams	
		US- 5,983,176	11.09.1999	Eric M. Hoffert	
		US- 5,987,525	11.16.1999	Dale Tyson Roberts	
		US- 5,996,015	11.30.1999	Michael Norman Day	
		US- 6,000,008	12.07.1999	Robert J. Simcoe	
		US- 6,009,382	12.28.1999	Michael John Martino	
		US- 6,012,098	01.04.2000	Elias N. Bayeh	
		US- 6,021,203	02.01.2000	John R. Douceur	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
		JP 2001521642T	11.06.2001	Dale Tyson Roberts		
		WO 97/07467	02.27.1997	Sean Phelan		
		WO 98/25269 A1	06.11.1998	Keith Reynolds Wehmeyer		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -4-

of -14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,026,398	04.15.2000	David Brown, et al.	
		US- 6,026,439	02.15.2000	Shyamal Chowdhury	
		US- 6,029,195	02.22.2000	Frederick S.M. Herz	
		US- 6,031,797	02.29.2000	John M. Van Ryzin	
		US- 6,035,268	03.07.2000	Alwin B. Carus	
		US- 6,038,591	03.14.2000	Robert L. Wolfe	
		US- 6,047,268	04.04.2000	Paul D. Bartoli	
		US- 6,047,320	04.04.2000	Satoru Tezuka	
		US- 6,047,327	04.04.2000	Michael Man-Hak Tso	
		US- 6,052,717	04.18.2000	Brian Reynolds	
		US- 6,061,680	05.09.2000	Steven Douglas Scherf	
		US- 5,926,207	07.20.1999	Mark F. Vaughn	
		US- 6,065,051	05.16.2000	Douglas W. Steele	
		US- 6,020,883	02.01.2000	Frederick Herz	
		US- 6,070,185	05.30.2000	Vinod Anupam	
		US- 6,085,242	07.04.2000	Rohit Chandra	
		US- 6,097,719	08.01.2000	Ray Benash	
		US- 6,102,406	08.15.2000	Steven A. Miles	
		US- 6,105,022	08.15.2000	Toru Takahashi	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" "Kind Code ⁵ (if known)				
		WO 98/47080 A2	10.22.1998	Dale Tyson Roberts		
		WO 99/27681	06.03.1999	Steven D. Leeke		
		WO 99/43111	08.26.1999	James Logan		
		WO 00/31964	06.02.2000	Magnus Jandel		
		WO 00/46681 A1	08.10.2000	Christopher M. Coulthard		
		WO 01/33379 A1	05.10.2001	Jayanta Kumar Dey		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -5-

of -14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,131,082	10.10.2000	James E. Hargrave, III	
		US- 6,192,340	02.20.2001	Max Abecassis	
		US- 6,138,142	10.24.2000	Steven J. Linsk	
		US- 6,246,672	06.12.2001	Leon Lumelsky	
		US- 6,161,132	12.12.2000	Dale Tyson Roberts	
		US- 6,161,139	12.12.2000	Teresa Win	
		US- 6,167,369	12.26.2000	Bruno M. Schulze	
		US- 6,182,142	01.30.2001	Teresa Win	
		US- 6,185,560	02.06.2001	Kai W. Young	
		US- 6,205,126	03.20.2001	Billy Gayle Moon	
		US- 6,222,980	04.24.2001	Hiroshi Asai	
		US- 6,225,546	05.01.2001	Reiner Kraft	
		US- 6,230,192	05.08.2001	Dale Tyson Roberts	
		US- 6,230,207	05.08.2001	Dale Tyson Roberts	
		US- 6,240,459	05.29.2001	Dale Tyson Roberts	
		US- 6,272,495	08.07.2001	Greg Hetherington	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code* "Number" "Kind Code ⁵ (if known)				
		WO 01/35667 A1	05.17.2001	Jeffrey Boulter		
		WO 01/54323 A2	07.26.2001	Paul M. Hunt		
		WO 01/73639 A1	10.04.2001	Rick McEwan		
		WO 02/42862 A2	05.30.2002	Phillip Clark Evans		
		WO 03/012695 A2	02.13.2003	Dale T. Roberts		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -6-

of -14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,298,446	10.02.2001	Daniel Schreiber	
		US- 6,314,421	11.06.2001	David Muir Sharnoff	
		US- 6,321,221	11.20.2001	Paul Bieganski	
		US- 6,330,593	12.11.2001	Dale Tyson Roberts	
		US- 6,343,317	01.29.2002	Harry A. Glorikian	
		US- 6,353,849	03.05.2002	Steven J. Linsk	
		US- 6,370,315	04.09.2002	Toshio Mizuno	
		US- 6,389,467	05.14.2002	Aviv Eyal	
		US- 6,487,598	11.26.2002	Andrew J. Valencia	
		US- 6,490,553	12.03.2002	Jean-Manuel Van Thong	
		US- 6,512,763	01.28.2003	Richard Case DeGolia Jr	
		US- 6,535,854	03.18.2003	Peter Buchner	
		US- 6,538,996	03.25.2003	Julian Wray West	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -7-

of -14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,557,026	04.29.2003	James H. Stephens, Jr.	
		US- 6,560,704	05.06.2003	Jude Gerard Dieterman	
		US- 6,611,812	08.26.2003	Marco M. Hurtado	
		US- 6,661,787	12.09.2003	Anne G. O'Connell	
		US- 6,677,894	01.13.2004	Leonid Sheynblat	
		US- 6,725,446	04.20.2004	Chris P. Hahn	
		US- 6,741,980	05.25.2004	Justin Langseth	
		US- 6,889,383	05.03.2005	Matthew Jarman	
		US- 6,925,441	08.02.2005	Charles L. Jones, III	
		US- 2001/0044855	11.22.2001	Brian Christopher Vermeire	
		US- 2001/0052028	12.13.2001	Dale Tyson Roberts	
		US- 2001/0055276	12.27.2001	Shane M. Rogers	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet

-8-

of

-14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2002/0010714	01.24.2002	Greg Hetherington	
		US- 2002/0035561	03.21.2002	John Archer	
		US- 2002/0045717	04.18.2002	Werner Grenda	
		US- 2002/0056004	05.09.2002	Andrew J. R. Smith	
		US- 2002/0095387	07.18.2002	Bertrand Sosa	
		US- 2002/0111912	08.15.2002	Charles Eric Hunter	
		US- 2002/0129123	09.12.2002	Scott C. Johnson	
		US- 2002/0152204	10.17.2002	Ruben Ernesto Ortega	
		US- 2002/0175941	11.28.2002	Leonard S. Hand	
		US- 2003/0002608	01.02.2003	Robert C. Glenn	
		US- 2003/0028796	02.06.2003	Dale T. Roberts	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -9- of -14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2003/0046283	03.06.2003	Dale T. Roberts	
		US- 2003/0083871	05.01.2003	Jonathan T. Foote	
		US- 2003/0135513	07.17.2003	Paul Quinn	
		US- 2003/0139989	07.24.2003	Eduardo Enrique Churquina	
		US- 60/144,377	07.16.1999	Benjamin E. Hosken	
		US- 60/165,726	11.15.1999	Sean Michael Ward	
		US- 60/165,727	11.15.1999	Sean Michael Ward	
		US- 60/166,039	11.17.1999	Sean Michael Ward	
		US- 6,757,740	06.29.2004	Sanjay M. Parekh	
		US- 6,513,061	01.28.2003	Tomoichi Ebata	
		US- 6,282,548	08.28.2001	Michael E. Burner	
		US- 6,807,632	10.19.2004	Paul R. Carpentier	
		US- 6,405,203	06.11.2002	Todd R. Collart	
		US- 6,522,769	02.13.2003	Geoffrey B. Rhoads	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -10-

of -14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		us- 2005/0149759	07.07.2005	Balamani S. Vishwanath	
		us- 6,952,523	10.04.2005	Yoshiaki Tanaka	
		us- 6,560,403	05.06.2003	Yoshiaki Tanaka	
		us- 6,434,535	08.13.2002	Michael S. Kupka	
		us- 6,031,795	02.29.2000	Keith Reynolds Wehmeyer	
		us- 5,754,938	05.19.1998	Frederick S.M. Hertz	
		us- 2002/0065857	05.30.2002	Zbigniew Michalewicz	
		us- 5,608,622	03.04.1997	Kenneth W. Church	
		us- 5,774,357	06.30.1998	Steven M. Hoffberg	
		us- 5,883,986	03.16.1999	Gary E. Kopec	
		us- 6,038,527	03.14.2000	Ingrid Renz	
		us- 6,047,251	04.04.2000	Leonard K. Pon	
		us- 6,252,988	06.26.2001	Tin Kam Ho	
		us- 6,614,914	09.02.2003	Geoffrey B. Rhoads	
		us- 6,658,151	12.02.2003	Dar-Shyang Lee	
		us- 6,272,456	08.07.2001	Miguel Cardoso de Campos	
		us- 2003/0190077	10.09.2003	David Justin Ross	
		us- 5,608,622	03.04.1997	Kenneth W. Church	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.FormsWorkflow.com

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet 11-

of 14-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,608,622	03.04.997	Kenneth W. Church	
		US- 5,754,938	05.19.1998	Frederick S.M. Herz	
		US- 5,774,357	06.30.1998	Steven M. Hoffberg	
		US- 6,611,813	08.26.2003	Timothy Robert Bratton	
		US- 6,587,127	07.01.2003	Steven D. Leeke	
		US- 6,505,160	01.07.2003	Kenneth L. Levy	
		US- 2002/0082901	06.27.2002	Ted E. Dunning	
		US- 2003/0182139	09.25.2003	Geoffrey H. Harris	
		US- 2002/0099737	07.25.2002	Charles A. Porter	
		US- 6,263,313	07.17.2001	Kenneth Louis Milsted	
		US- 5,950,189	09.07.1999	Edith Cohen	
		US- 2001/0005823	06.18.2001	Uwe Fischer	
		US- 2002/0099696	07.25.2002	John Prince	
		US- 6,532,477	03.11.2003	John C. Tang	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.FormsWorkflow.com

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -12-

of

-14-

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Fast Algorithms for Projected Clustering;" Charu C. Aggarwal, Cecilia Procopiuc, Joel L. Wolf, Philip S. Yu, and Jong Soo Park. Proceedings of the ACM SIGMOD International Conference on Management of Data, 1999	
		"Mel-Frequency Cepstral Analysis," [online] [retrieved on 2001-02-02] Retrieved from the Internet <URL:http://ccrma-www.stanford.edu/~unjung/mylec/mfcc.html>, pp. 1-3	
		Agosti, M., Gradenigo, G. Marchetti, P.G., "A Hypertext Environment for Interacting with Large Textual Databases," pp. 469-477	
		Hull, David A. and Grefenstette, Gregory, "Querying Across Languages: A Dictionary-Based Approach to Multilingual Information Retrieval," pp. 484-492	
		Belkin, N.J. Oddy, R.N., Brooks, H.M., "The Journal of Documentation," Volume 38, Number 2, June 1982, pp. 299-304	
		R. Brody, Ph.D., "The Conditions and Consequences of Profiling in Commercial and Governmental Settings," Technology And Society, 1998. ISTAS 98. Wiring The World: The Impact Of Information Technology On Society, Proceedings of the 1998 International Symposium on South Bend, IN, USA 12-13 June 1998, NY, NY, USA, IEEE, US, 12 June 1998 (1998-06-12), pp. 148-154, XP010291443, ISBN: 0-7803-4327-1 *the whole document*	
		Carl de Marcken, "The Unsupervised Acquisition of a Lexicon from Continuous Speech," Massachusetts Institute of Technology Artificial Intelligence Laboratory: Center for Biological and Computational Learning, Department of Brain and Cognitive Sciences, A.I. Memo No. 1558 and C.B.C.L. Memo No. 129, November 2001, pp. 1-27	

Examiner
SignatureDate
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	09/846,823		
		Filing Date	April 30, 2001		
		First Named Inventor	Ted E. Dunning, et al.		
		Art Unit	3622		
		Examiner Name	Yehdega Retta		
Sheet	-13-	of	-14-	Attorney Docket Number	085804 . 014501

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Internet Papers: Freetantrum: Songprint 1.2, and computer code; www.freetantrum.org; December 11, 2000; 46 pages	
		Jones, Karen Sparck, Jones, G.J.F., Foote, J.T. and Young, S.J., "Experiments in Spoken Document Retrieval," pp. 493-502	
		Jones, Karen Sparck and Willett, Peter, "Readings In Information Retrieval," Morgan Kaufmann Publishers, Inc., 1997, pp. 25-110, 205-246, 257-412, 440-445, 469-502, 527-533	
		Ian Goldberg, Steven D. Gribble, David Wagner, Eric A. Brewer "The Ninja Jukebox" October 14, 1999	
		Lancaster, F.W., "MEDLARS: Report on the Evaluation of Its Operating Efficiency," pp. 223-246	
		Z. Liu, et al., "Audio Feature Extraction and Analysis for Scene Segmentation and Classification"	
		MusicMatch Literature downloaded from web.archive.org - 7 pages total	
		RealNetworks Literature downloaded from web.archive.org - 16 pages total	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/846,823
Filing Date	April 30, 2001
First Named Inventor	Ted E. Dunning, et al.
Art Unit	3622
Examiner Name	Yehdega Retta
Attorney Docket Number	085804 . 014501

Sheet -14-

of

-14-

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item.(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Lisa F. Rau, "Conceptual Information Extraction and Retrieval from Natural Language Input," Artificial Intelligence Program GE Research and Development Center, Schenectady, NY 12301, pp. 527-533	
		Salton, Gerard, Allan, James, Buckley, Singhal, Amit, "Automatic Analysis, Theme Generation, and Summarization of Machine-Readable Texts," pp. 478-483	
		Shah, Tej, "Improving Electronic Commerce Through Gather Customer Data," TCC402 [online] 23 April 1998 (1998-04-23) XP002379874, University of Virginia, USA, Retrieved from the Internet: <URL:http://www.lib.virginia.edu> [Retrieved on 2006-05-08] *the whole document*	
		Stubblefield, Adam and Wallach, Dan S., "A Security Analysis of My.MP3.com and the Beam-it Protocol," Department of Computer Science, Rice University	
		Witten, Ian H. and Frank, Eibe, "Data Mining, Practical Machine Learning Tools and Techniques with JAVA Implementations," Academic Press, pp. 57-76	
		Wold, Erling, Blum, Thom, Keislar, Douglas and Wheaton, James, "Content-Based Classification, Search, and Retrieval of Audio," IEEE MultiMedia, Fall 1996	
		Written Opinion of the Patent Cooperation Treaty for International Patent Application No.: PCT/US02/03504	

Examiner
SignatureDate
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.